

lines 12-13, delete "manufacturing resource planning or material requirements planning" and substitute

*A1*  
~~material requirements planning~~ (or manufacturing resource planning) ~~from~~

At page 25, line 21, delete "4" and substitute --4A--.

At page 30, line 27, delete "causes" and substitute --can cause--;

line 29, after "subtasks.", insert --)--.

At page 33, line 33, delete "are".

At page 37, line 27, delete "for reusable resources" and substitute --for a reusable resource constraint violation which cannot be repaired by substitution of a different resource of the same class ~~from~~.

*A2*  
line 29, delete "for" (first occurrence).

At page 38, line 25, delete "fitness, temporal dependents, and distance to move" and substitute --Fitness, Temporal Dependents, and Distance of Move--.

At page 41, line 26, after "which" (both occurrences), insert --,--.

At page 43, line 24, after "to", insert --the--.

At page 44, line 23, delete "the" and substitute --a--;

line 30, delete "the" and substitute --a--;

line 31, delete "chooses between" and substitute --is chosen from the options of--;

line 36, after "penalty", insert --associated with a setup optimization constraint--.

At page 46, line 21, delete "chooses among" and substitute

--is chosen from--.

At page 47, line 2, after "preferable", insert --, but not necessary,--;

lines 4-5, delete "; however, there it is not necessary that the product be assembled in this way".

At page 48, line 18, delete "chooses among" and substitute --is chosen from--.

At page 52, line 1, delete "the" (second occurrence) and substitute --a--;

line 23, delete "the" (second occurrence) and substitute --a--;

line 27, delete "the" and substitute --a--;

line 36, delete "the" (second occurrence) and substitute --a--.

At page 53, line 3, delete "would" and substitute --might--;

line 4, delete "and" and substitute --so that--;

line 8, delete "the" and substitute --a--;

line 9, delete "the" (second occurrence) and substitute --a--;

line 14, after "one", insert --particular--;

line 15, after "embodiment,", insert --for example,--;

NE delete ", " and substitute --as shown by equation (2):--.

At page 54, line 15, delete "must take place in order" and